

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065911.D
 Acq On : 17 Feb 2021 22:51
 Operator : JC/MD
 Sample : M1382-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-EB-20210205

Quant Time: Feb 18 01:48:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

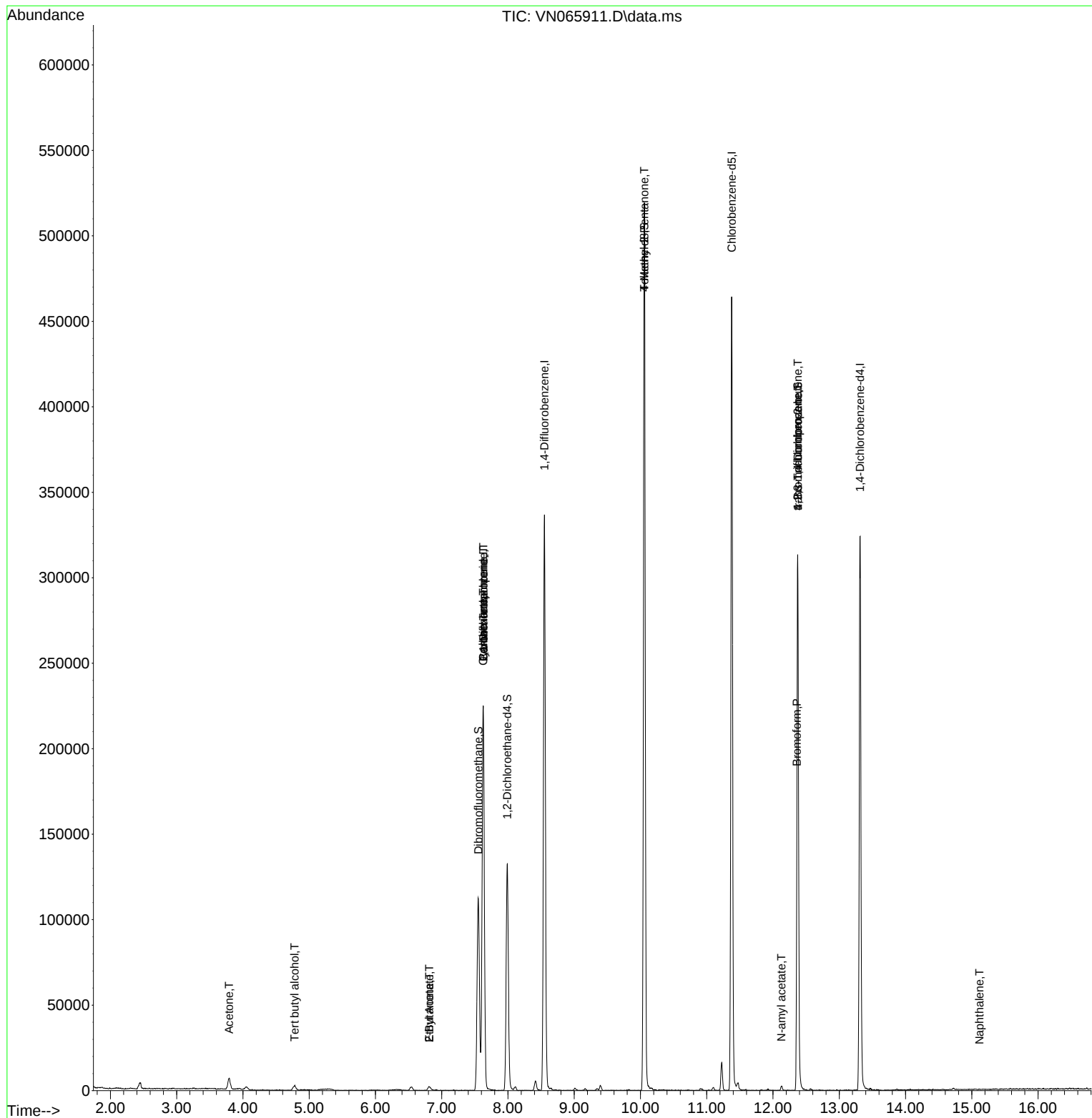
Internal Standards						
1) Pentafluorobenzene	7.627	168	180333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	306858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	275225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	95598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	118574	47.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.04%		
35) Dibromofluoromethane	7.553	113	90672	47.74	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.48%		
50) Toluene-d8	10.058	98	376408	48.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.56%		
62) 4-Bromofluorobenzene	12.373	95	125258	42.80	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.60%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.778	59	5489	15.65	ug/l #	80
16) Acetone	3.791	43	10280	11.45	ug/l	94
25) 2-Butanone	6.811	43	4647	3.72	ug/l	98
31) Cyclohexane	7.624	56	3539	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	14101	4.66	ug/l #	48
37) Ethyl Acetate	6.811	43	4647	1.70	ug/l #	68
38) Carbon Tetrachloride	7.627	117	18034	6.41	ug/l #	16
51) 4-Methyl-2-Pentanone	10.058	43	1627	0.61	ug/l #	1
71) Bromoform	12.360	173	86	2.55	ug/l #	1
74) N-amyl acetate	12.129	43	2057	0.76	ug/l #	81
76) 1,2,3-Trichloropropane	12.373	75	61140	26.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	61140	84.84	ug/l #	12
95) Naphthalene	15.116	128	198	3.09	ug/l #	69

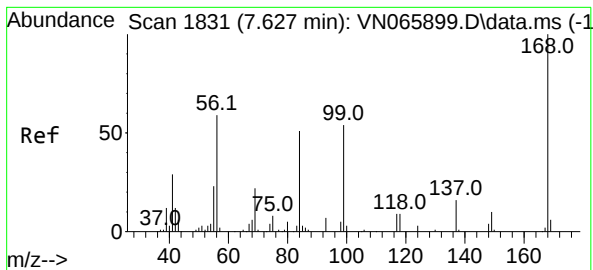
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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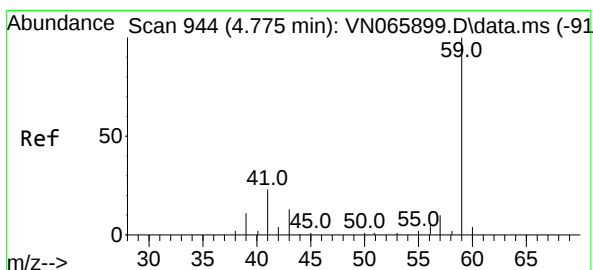
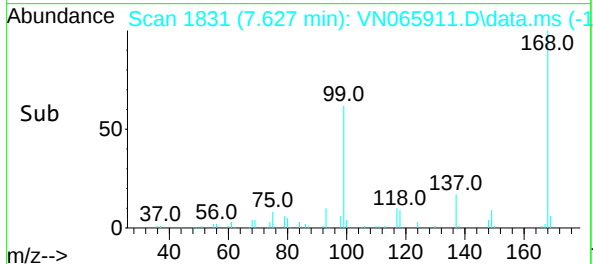
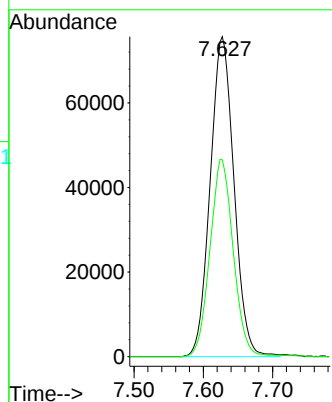
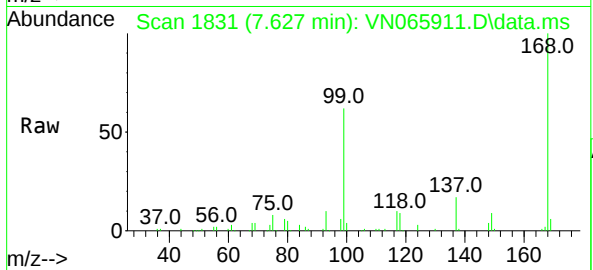




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

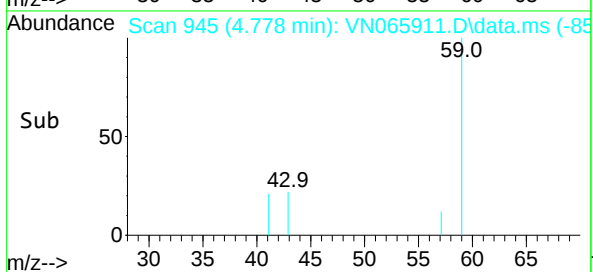
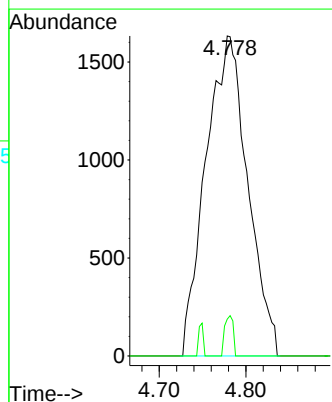
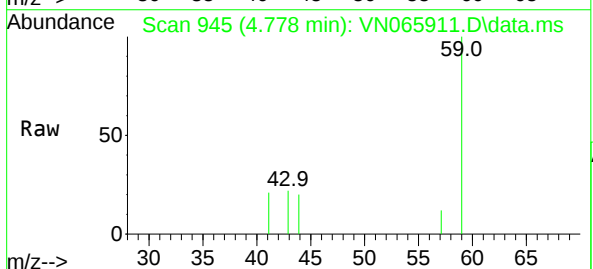
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210205

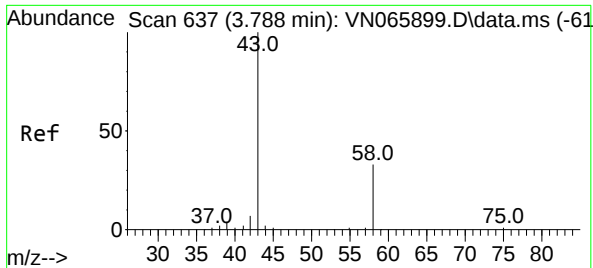
Tgt Ion:168 Resp: 180333
Ion Ratio Lower Upper
168 100
99 61.5 42.6 63.8



#11
Tert butyl alcohol
Concen: 15.65 ug/l
RT: 4.778 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

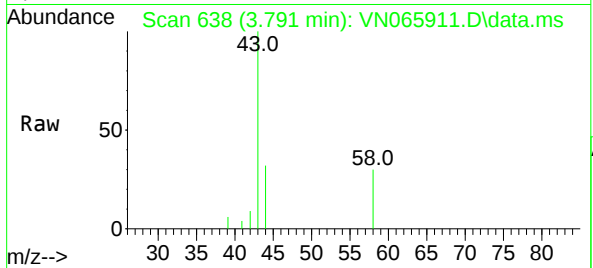
Tgt Ion: 59 Resp: 5489
Ion Ratio Lower Upper
59 100
57 2.6 8.0 12.0#



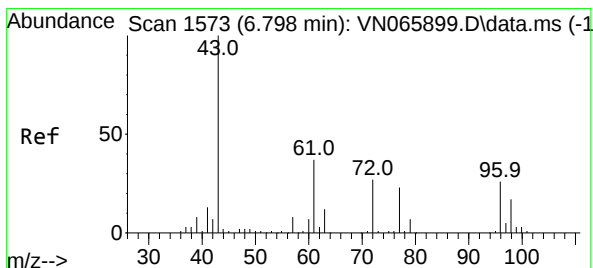
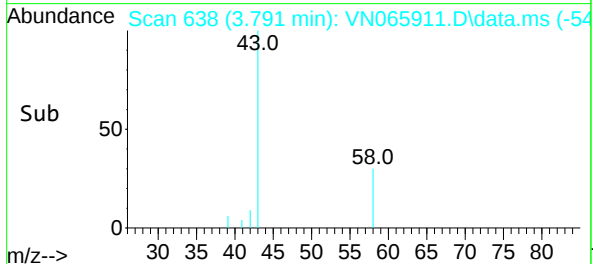
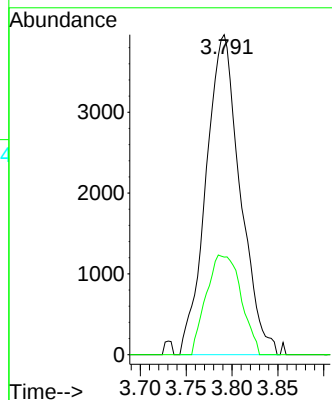


#16
Acetone
Concen: 11.45 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210205

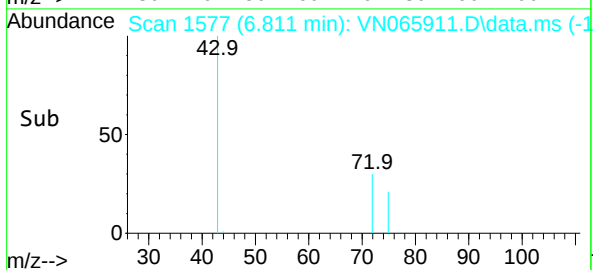
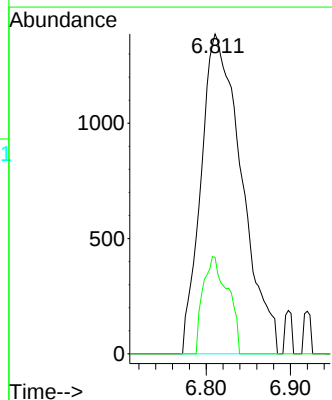
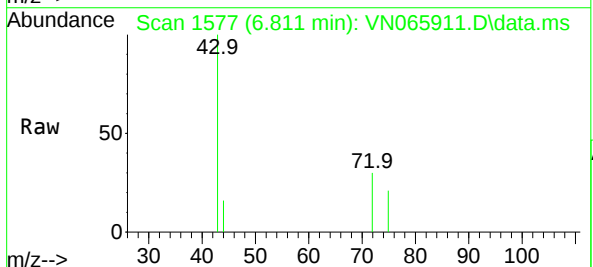


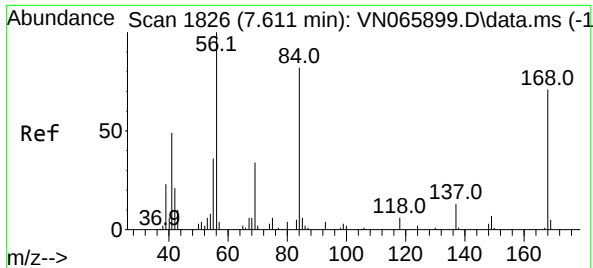
Tgt Ion: 43 Resp: 10280
Ion Ratio Lower Upper
43 100
58 30.5 27.0 40.6



#25
2-Butanone
Concen: 3.72 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

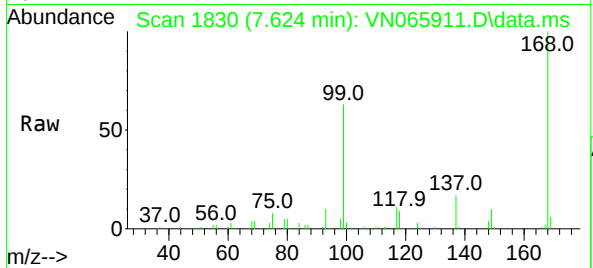
Tgt Ion: 43 Resp: 4647
Ion Ratio Lower Upper
43 100
72 30.1 23.1 34.7



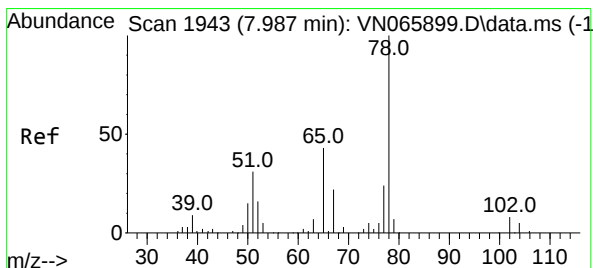
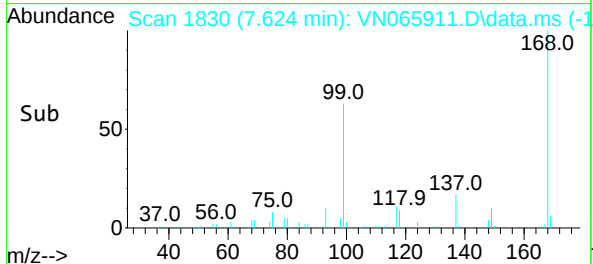
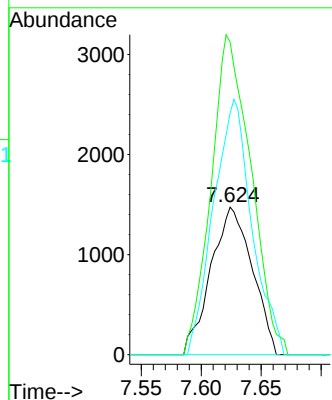


#31
Cyclohexane
Concen: 0.94 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210205

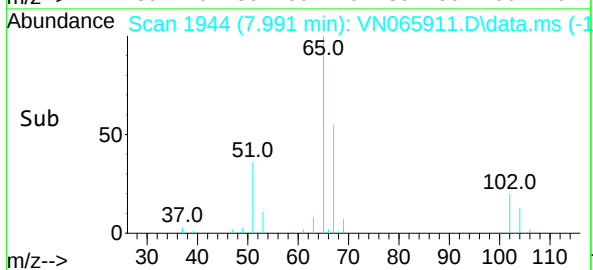
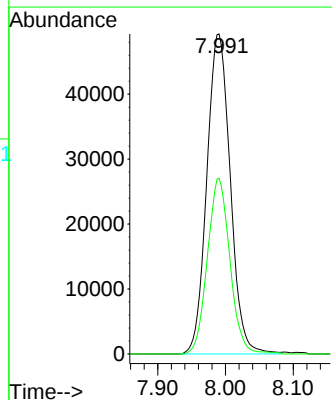
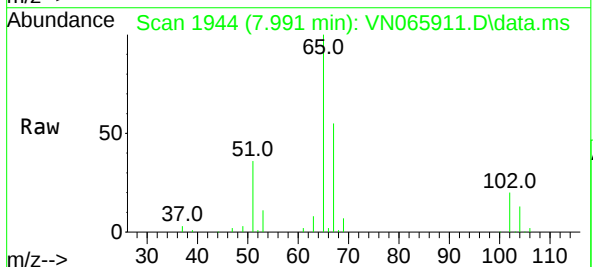


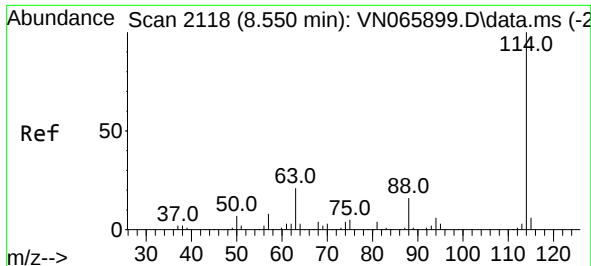
Tgt Ion: 56 Resp: 3539
Ion Ratio Lower Upper
56 100
69 211.9 26.6 39.8#
84 163.7 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.02 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

Tgt Ion: 65 Resp: 118574
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2

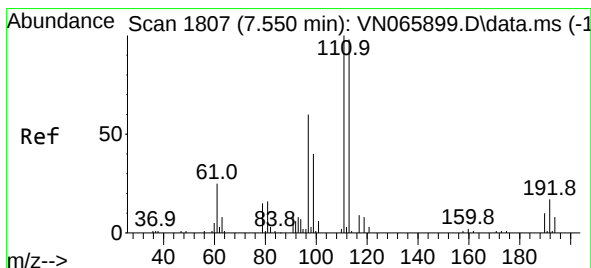
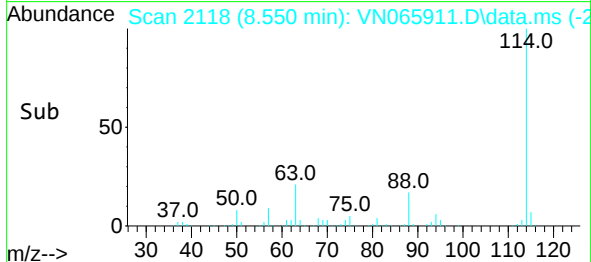
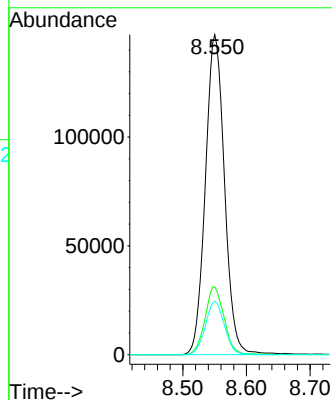
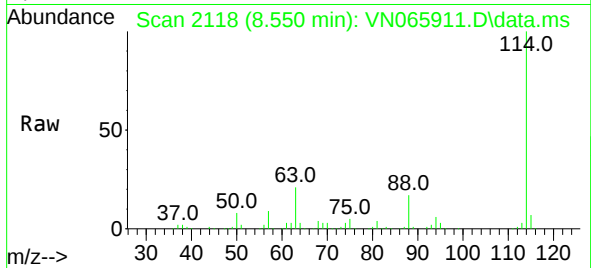




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

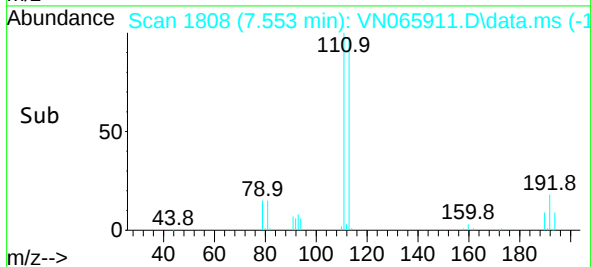
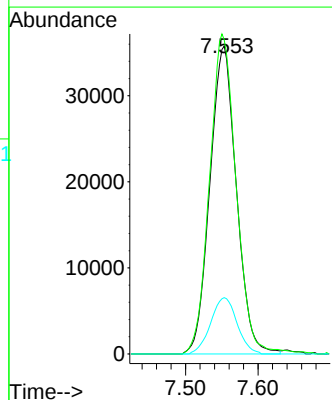
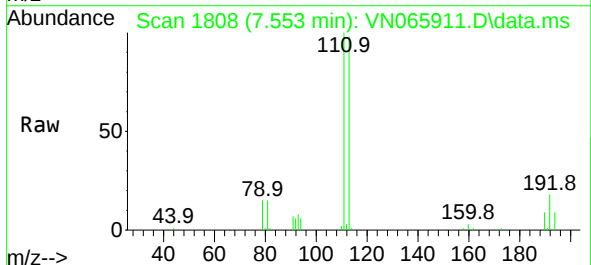
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210205

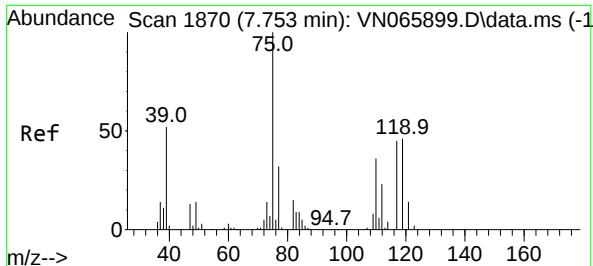
Tgt Ion:114 Resp: 306858
Ion Ratio Lower Upper
114 100
63 21.2 0.0 38.6
88 16.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.74 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

Tgt Ion:113 Resp: 90672
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 18.2 15.4 23.0

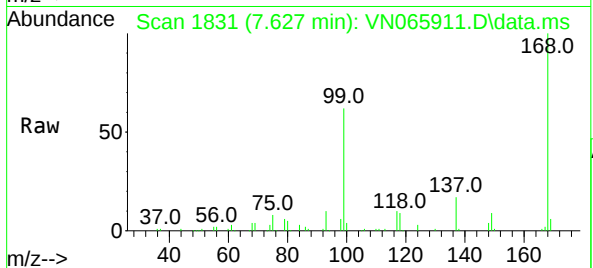




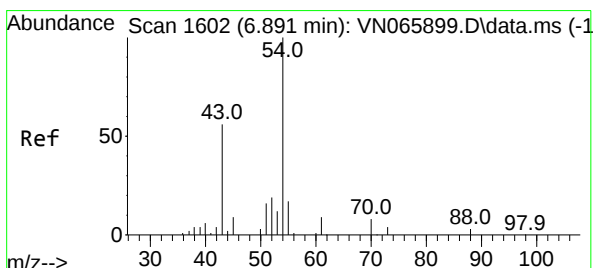
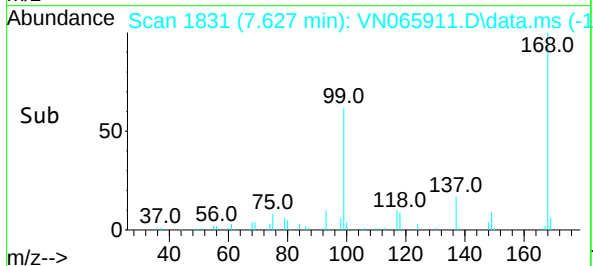
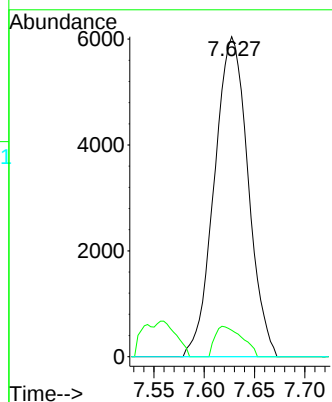
#36

1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

Instrument :
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ClientSampleId :
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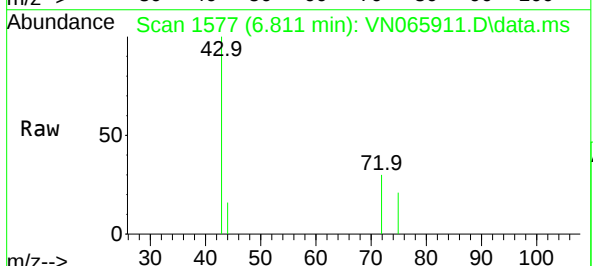


Tgt Ion: 75	Resp: 14101
Ion Ratio	Lower Upper
75 100	
110 7.6	18.2 54.6#
77 0.0	24.9 37.3#

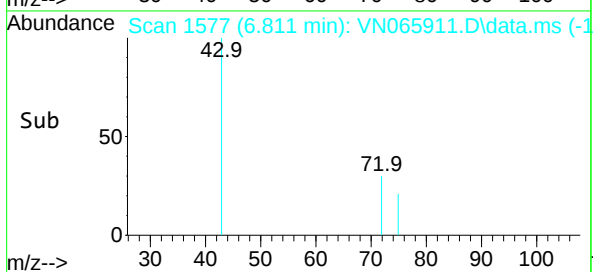
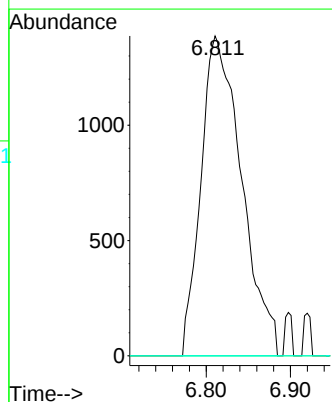


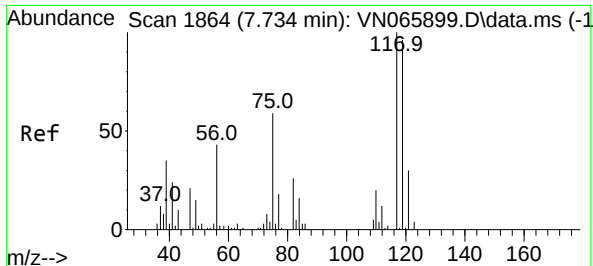
#37

Ethyl Acetate
Concen: 1.70 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. -0.080 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51



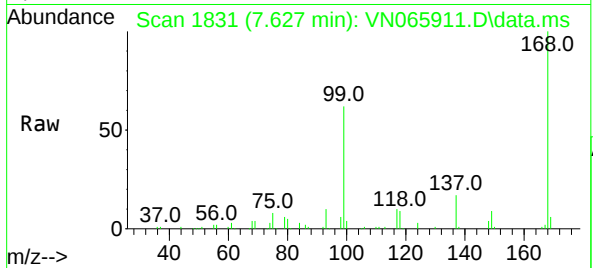
Tgt Ion: 43	Resp: 4647
Ion Ratio	Lower Upper
43 100	
61 0.0	11.6 17.4#
70 0.0	8.6 13.0#



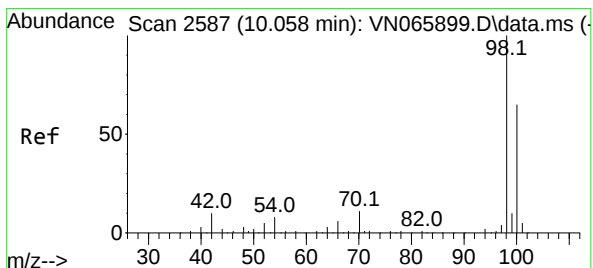
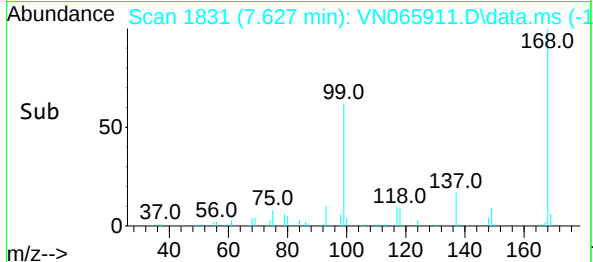
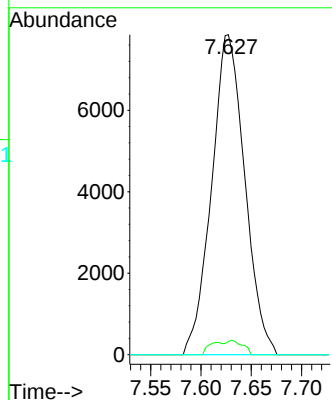


#38
Carbon Tetrachloride
Concen: 6.41 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

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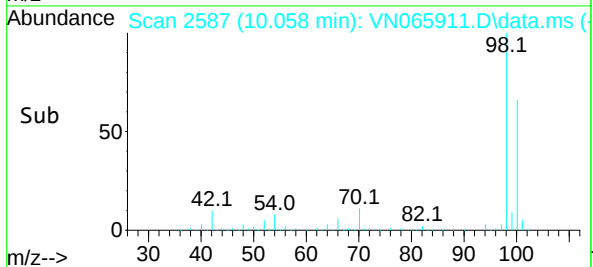
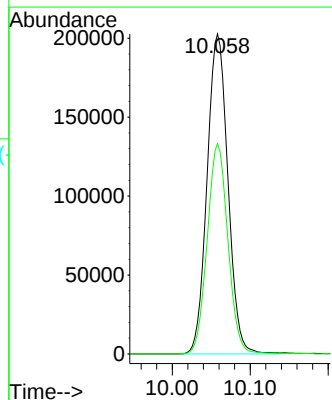
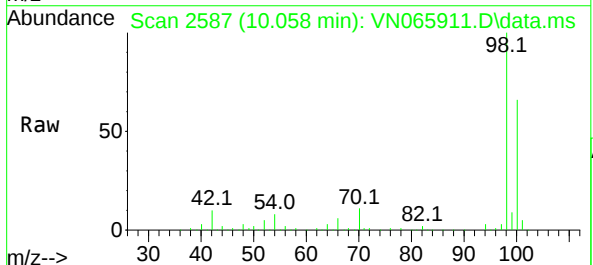


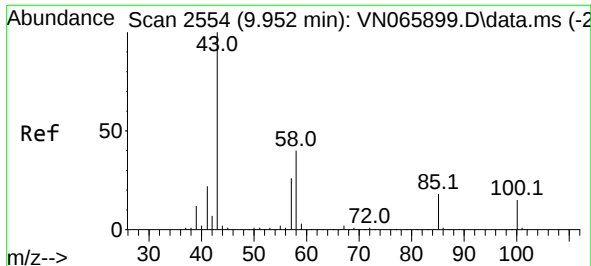
Tgt Ion:117 Resp: 18034
Ion Ratio Lower Upper
117 100
119 4.1 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.28 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

Tgt Ion: 98 Resp: 376408
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7

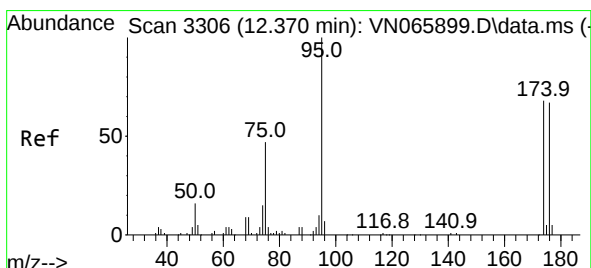
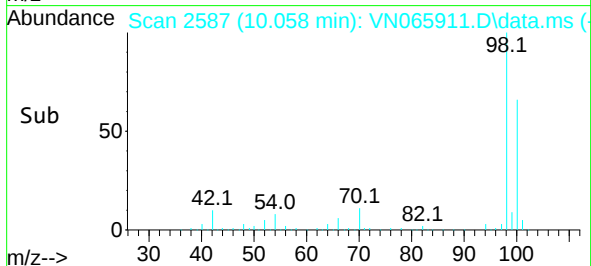
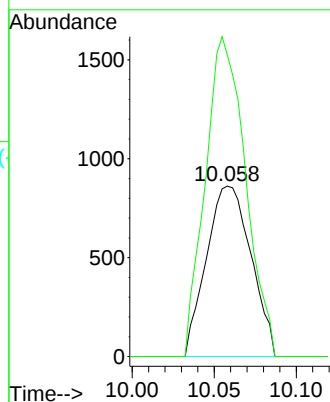
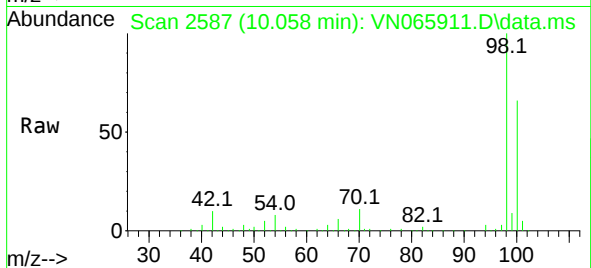




#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

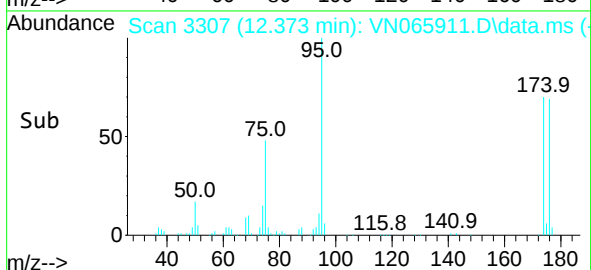
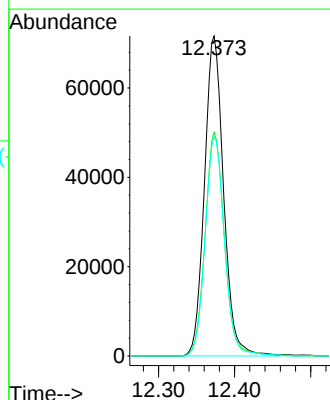
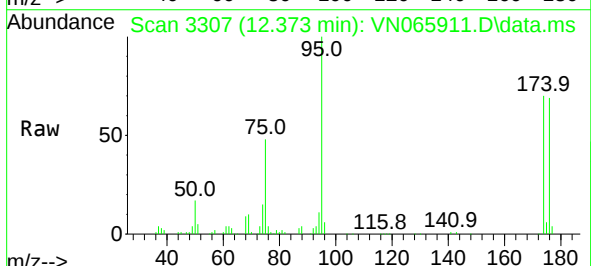
Instrument :
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ClientSampleId :
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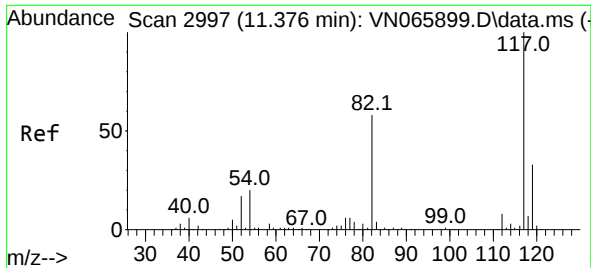
Tgt Ion: 43 Resp: 1627
Ion Ratio Lower Upper
43 100
58 169.0 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 42.80 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

Tgt Ion: 95 Resp: 125258
Ion Ratio Lower Upper
95 100
174 70.6 0.0 169.0
176 69.2 0.0 162.4

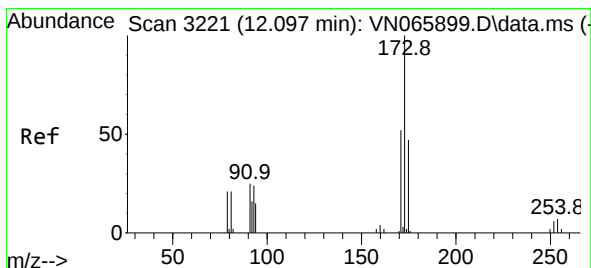
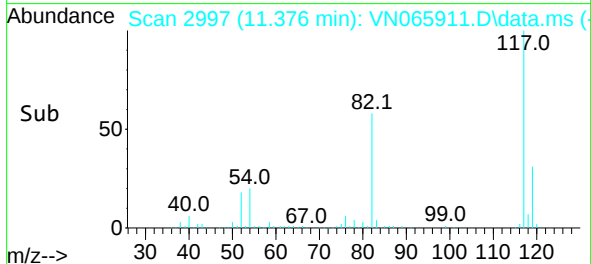
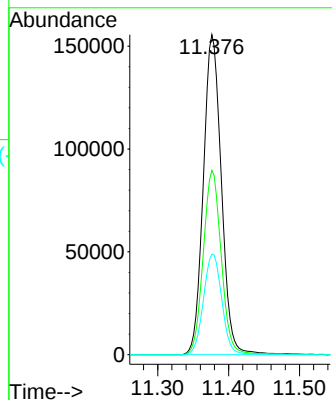
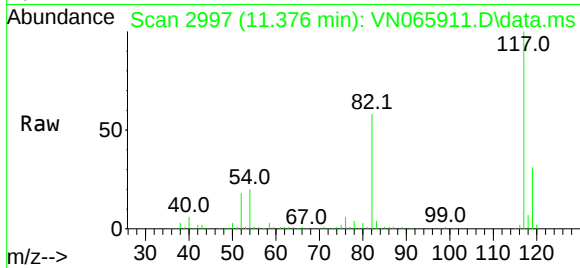




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

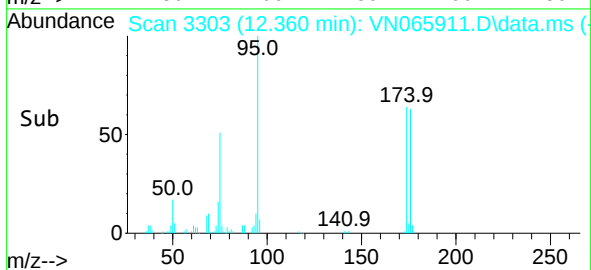
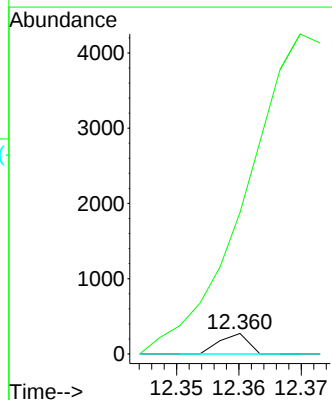
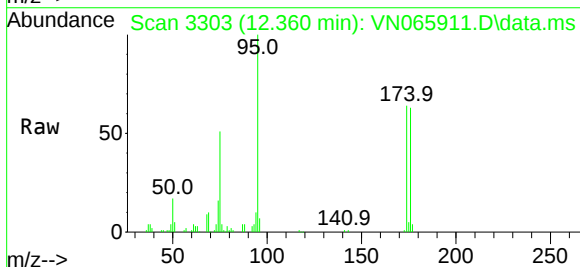
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210205

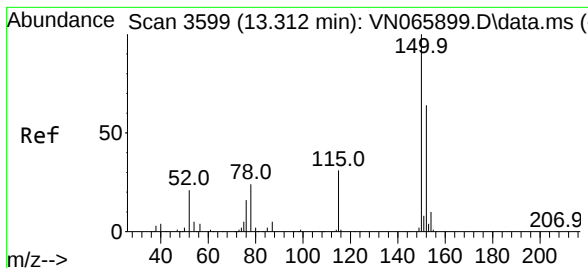
Tgt Ion:	117	Resp:	275225
Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.7	65.5
119	31.4	26.1	39.1



#71
Bromoform
Concen: 2.55 ug/l
RT: 12.360 min Scan# 3303
Delta R.T. 0.263 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

Tgt Ion:	173	Resp:	86
Ion	Ratio	Lower	Upper
173	100		
175	6579.1	23.8	71.2#
254	0.0	0.0	0.0

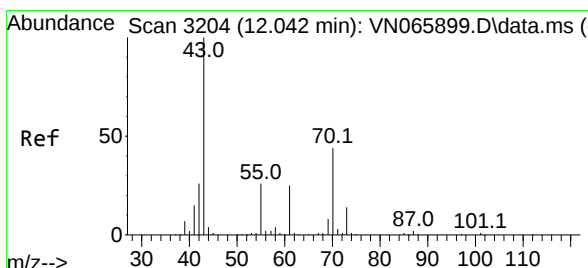
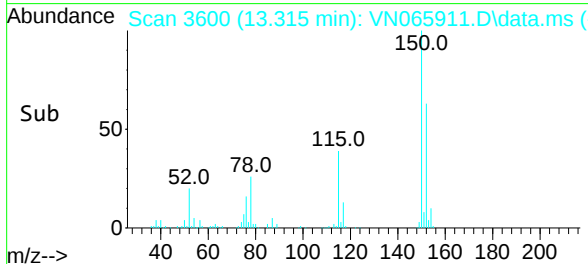
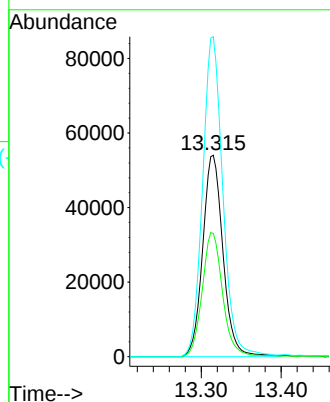
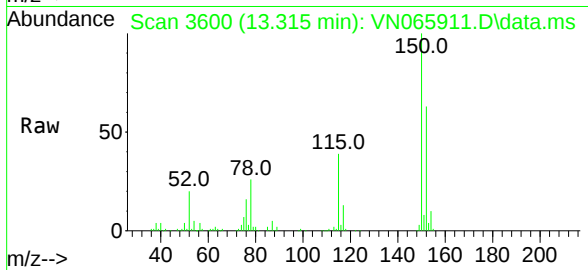




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

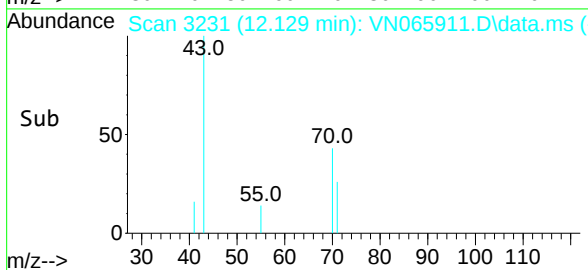
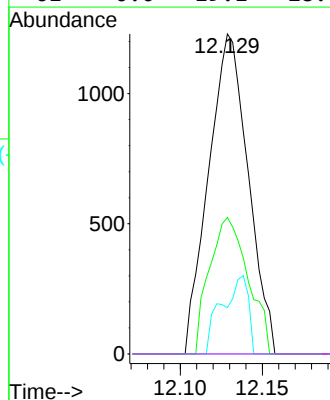
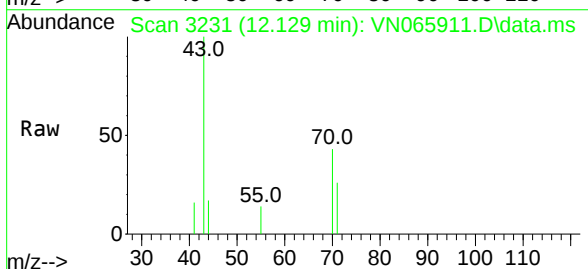
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210205

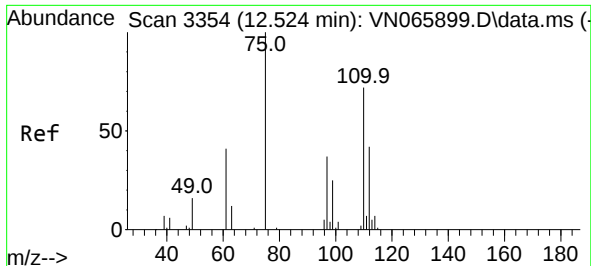
Tgt Ion:152 Resp: 95598
Ion Ratio Lower Upper
152 100
115 61.9 28.5 85.6
150 158.2 0.0 347.6



#74
N-ethyl acetate
Concen: 0.76 ug/l
RT: 12.129 min Scan# 3231
Delta R.T. 0.087 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

Tgt Ion: 43 Resp: 2057
Ion Ratio Lower Upper
43 100
70 41.7 34.4 51.6
55 16.2 20.7 31.1#
61 0.0 19.1 28.7#

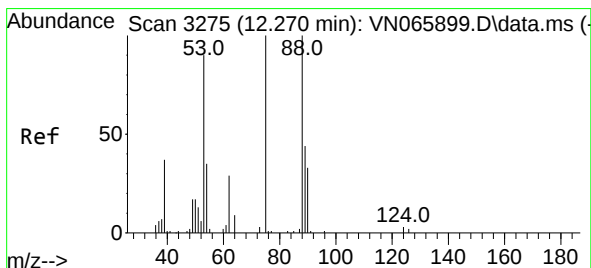
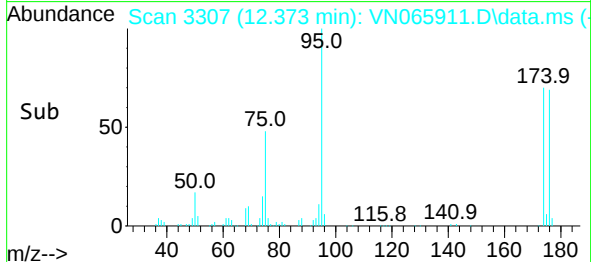
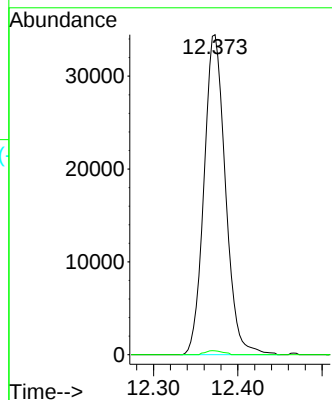
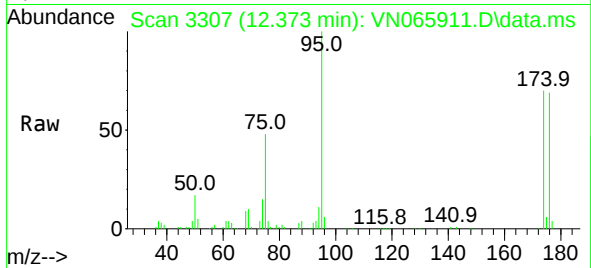




#76
1,2,3-Trichloropropane
Concen: 26.62 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

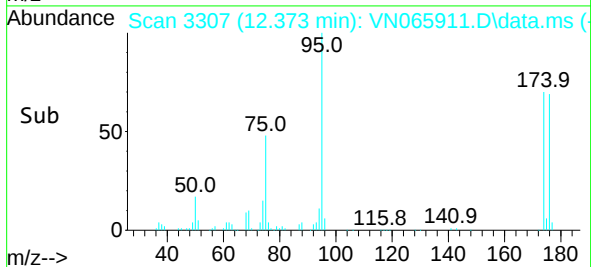
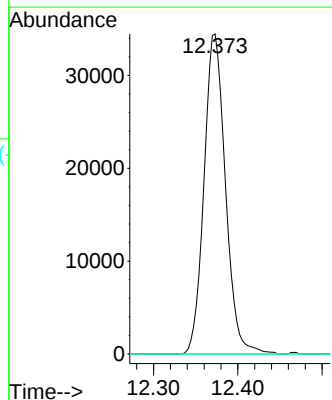
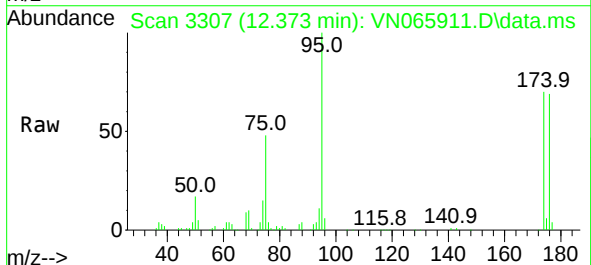
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210205

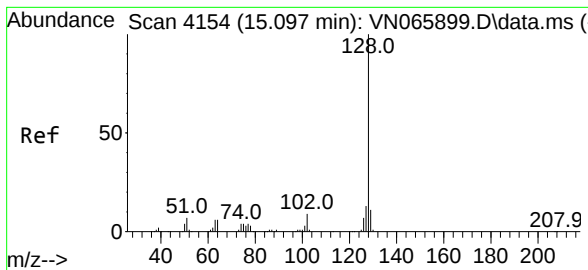
Tgt Ion: 75 Resp: 61140
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.84 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

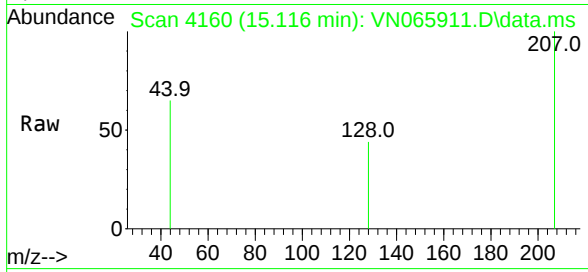
Tgt Ion: 75 Resp: 61140
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 3.09 ug/l
RT: 15.116 min Scan# 4160
Delta R.T. 0.019 min
Lab File: VN065911.D
Acq: 17 Feb 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-EB-20210205



Tgt Ion:	128	Resp:	198
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

